Table 2

Metal Concentrations – 1989 to Present

Iron to Zinc

B = Compound is also detected in the blank. J = Result is detected below the reporting limit or is an estimted concentration. S = Sample diluted due to the concentration of target analytes.

U = The MDL was raised to accomodate the detection of constituents in blank Q = The reporting limit was elevated due to high analyte levels

Wa = Post digestion spike recovery fell between 40-85% due to matrix interference D = Results were the result of a dilution

Appendix E, Table 2 - Metal Concentrations 1989 to Present (Concentrations in ppb)

Well Number	Date Sampled	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Thallium	Zinc
NRF-6	01/08/92	110	1.0		< 0.1	16.0		< 1.0		
NRF-6	03/10/92	120	1.0		< 0.1	21.0		< 1.0		
NRF-6	05/14/92	80	1.0		< 0.1	5.0		< 1.0		
NRF-6	07/08/92	70	1.0		< 0.1	7.0		< 1.0		
NRF-6	09/18/92	140	1.0		< 0.1	10.0		< 1.0		
NRF-6	12/09/92	100	< 1.0		< 0.1	8.0		< 1.0		
NRF-6	04/09/93	280	1.0		< 0.1	13.0		< 1.0		
NRF-6	No Data									
NRF-6	09/14/93	1100	1.0		< 0.1	48.0		< 1.0		
NRF-6	11/04/93	400	1.0		< 0.1			< 1.0		
NRF-6	03/10/94	150	1.0		< 0.1	23.0		< 1.0		
NRF-6	06/09/94	2200	1.0		< 0.1	47.0		< 1.0		
NRF-6	No Data									
NRF-6	12/21/94	370	1.0		< 0.1	4.0		< 1.0		
NRF-6	03/16/95	800	1.0	10.0	< 0.2	12.0	2.0	< 1.0		< 10.0
NRF-6	06/09/95	940	< 1.0	< 10.0	< 0.1	9.0	3.0	< 1.0	< 0.5	< 10.0
NRF-6	09/13/95	1500	< 1.0	< 10.0		40.0	2.0	< 1.0	< 0.5	10.0
NRF-6	11/07/95	370	< 1.0	< 10.0	< 0.1	28.0	3.0	< 1.0	< 0.5	10.0
NRF-6	01/16/96	150	< 1.0	10.0	< 0.1	6.0	2.0	< 1.0	< 0.5	< 10.0
NRF-6	03/19/96	130	< 1.0	< 10.0	< 0.1	8.0	2.0	< 1.0	< 0.5	20.0
NRF-6	06/10/96	320	1.0	10.0	< 0.1	11.0	2.0	< 1.0	< 0.5	< 10.0
NRF 6	09/05/96	240	< 1.0	< 10.0	< 0.1	8.0	2.0	< 1.0	< 0.5	< 10.0
NRF 6	01/31/97	2100	< 50.0	25.0	< 0.1	40.0	2.0			< 20.0
NRF-6	06/05/97	3400	< 1.0	14.0	< 0.2	28.0	1.9	< 0.5	< 0.1	5.3
NRF-6	09/02/97	710	J 0.6	7.0	< 0.2	21.0	2.8	J 0.3	< 0.1	10.0
NRF-6	11/17/97	610	< 1.0	7.8	J 0.0	14.0	2.7	J 0.2	< 0.1	37.0
NRF-6	02/09/98	250	J 0.6	B 3.5	UBJ 0.1	24.0	J 2.8	< 0.5	< 0.1	UBJ 15.0
NRF-6	05/11/98	500	J 0.4	7.1	< 0.2	27.0	J 2.0	J 0.2	< 0.1	J 6.2
NRF-6	08/04/98	490	< 1.0	J 5.7	< 0.2	J 29.9	< 5.0	< 0.5	< 0.1	< 20.0
NRF-6	11/02/98	5100	< 1.0	35.9	< 0.2	J 24.2	< 5.0	< 0.5	< 0.1	< 20.0
NRF-6	02/04/99	486	< 1.0	J 4.6	< 0.2	J 11.5	< 5.0	< 0.5	< 0.1	< 20.0
NRF-6	05/03/99	570	< 1.0	J 5.2	< 0.2	J 15.0	< 5.0	< 0.5	< 0.1	< 20.0
NRF-6	07/27/99	1100	J 1.5	J 9.3	J 0.2	J 10.0	< 5.0	< 0.5	J 8.6	J 2.7
NRF-6	11/01/99	150	J 2.1	J 1.4	< 0.2	J 15.0	< 5.0	< 0.5	< 0.1	< 20.0
NRF 6	01/31/00	810	< 3.0	J 5.6	< 0.2	J 8.8	J 4.9	< 10.0	< 10.0	J 3.7
NRF-6	05/01/00	1100	< 3.0	J 7.7	< 0.2	J 13.0	< 5.0	< 10.0	< 10.0	< 20.0
	Mean	782.38	2.5	10.3	0.1	18.8	3.1	0.8	0.7	14.3
	Std. Dev.	1081.22	8.7	7.7	0.0	12.3	1.3	0.3	2.0	7.9
	Max	5100.00	50.0	35.9	0.2	48.0	5.0	1.0	8.6	37.0
	Min	70.00	0.4	1.4	0.0	4.0	1.9	0.2	0.1	2.7
NRF-7	09/10/91	670	1.0	20.0	< 0.1	9.0	1.0	< 1.0		10.0
NRF-7	01/08/92	330	4.0		< 0.1	4.0		< 1.0		
NRF-7	03/10/92									
NRF-7	05/14/92	620	1.0		< 0.1	5.0		< 1.0		
NRF-7	07/08/92	3900	1.0		< 0.1	3.0		< 1.0		
NRF-7	09/18/92	180	1.0		< 0.1	< 1.0		< 1.0		

B = Compound is also detected in the blank. J = Result is detected below the reporting limit or is an estimted concentration. s = Sample diluted due to the concentration of target analytes.

U = The MDL was raised to accomodate the detection of constituents in blank Q = The reporting limit was elevated due to high analyte levels

Wa = Post digestion spike recovery fell between 40-85% due to matrix interference D = Results were the result of a dilution

Appendix E, Table 2 - Metal Concentrations 1989 to Present (Concentrations in ppb)

Well Number	Date Sampled	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Thallium	Zinc
NRF-7	12/09/92	210	< 1.0		< 0.1	6.0		< 1.0		
NRF-7	04/09/93	330	1.0		< 0.1	6.0		< 1.0		
NRF-7	06/10/93	600	1.0		< 0.1	6.0		< 1.0		
NRF-7	09/14/93	180	1.0		< 0.1	4.0		< 1.0		
NRF-7	11/03/93	330	1.0		< 0.1			< 1.0		
NRF-7	03/15/94	280	1.0		< 0.1	4.0		< 1.0		
NRF-7	06/13/94	4800	1.0		< 0.1	1.0		< 1.0		
NRF-7	09/12/94	550	1.0		< 0.1	7.0		< 1.0		
NRF-7	11/04/94	210	1.0		< 0.1	4.0		< 1.0		
NRF-7	03/17/95	110	< 1.0	< 10.0	< 0.1	3.0	1.0	< 1.0	<	10.0
NRF-7	06/09/95	1100	< 1.0	< 10.0	< 0.1	5.0	1.0	< 1.0	< 0.5	< 10.0
NRF-7	09/14/95	110	< 1.0	< 10.0	< 0.1	4.0	1.0	< 1.0	< 0.5	< 10.0
NRF-7	11/08/95	690	< 1.0	20.0	< 0.1	6.0	1.0	< 1.0	< 0.5	< 10.0
NRF-7	01/16/96	180	1.0	< 10.0	< 0.1	6.0	5.0	< 1.0	< 0.5	< 10.0
NRF-7	03/19/96	160	1.0	< 10.0	< 0.1	6.0	1.0	< 1.0	< 0.5	< 10.0
NRF-7	06/10/96	70	1.0	< 10.0	< 0.1	6.0	< 1.0	< 1.0	< 0.5	< 10.0
NRF-7	09/03/96	230	1.0	< 10.0	< 0.1	6.0	1.0	< 1.0	< 0.5	< 10.0
NRF-7	01/31/97	340	< 50.0	9.0		< 10.0	< 1.0		<	20.0
NRF-7	06/05/97	540	1.3	7.6	< 0.2	6.3	J 0.9	< 0.5	< 0.3	13.0
NRF-7	09/02/97	93	< 1.0	3.6	< 0.2	5.2	1.6	< 0.5	J 0.1	5.1
NRF-7	11/18/97	1800	1.3	24.0	J 0.1	8.2	1.2	J 0.3	J 0.0	120.0
NRF-7	02/09/98	100	J 0.5	B 4.0	UBJ 0.1	7.7	J 1.4	< 0.5	< 0.1	UB 17.0
NRF-7	05/11/98	J 80	J 0.4	J 5.5	< 0.2	J 6.5	J 1.5	J 0.2	< 0.1	J 24.0
NRF-7	08/05/98	< 100	< 1.0	< 10.0	< 0.2	< 10.0	< 5.0	< 0.5	< 0.1	< 20.0
NRF-7	11/02/98	130	< 1.0	3.6	< 0.2	5.7	J 1.4	< 0.5	< 0.1	J 5.6
NRF-7	02/04/99	101	< 1.0	J 3.3	< 0.2	< 10.0	< 5.0	< 0.5	< 0.1	< 20.0
NRF-7	05/03/99	270	< 1.0	J 5.4	< 0.2	J 9.5	< 5.0	< 0.5	< 0.1	37.0
NRF-7	07/27/99	310	< 1.0	10.0	J 0.1	J 9.3	< 5.0	< 0.5	< 0.1	J 9.0
NRF-7	11/01/99	700	3.5	24.0	< 0.2	J 11.0	< 5.0	< 0.5	< 0.1	J 11.0
NRF 7	01/31/00	570	J 2.3	15.0	< 0.2	J 9.9	< 5.0	< 10.0	< 10.0	31.0
NRF-7	05/01/00	440	< 3.0	13.0	< 0.2	J 8.5	< 5.0	< 10.0	< 10.0	< 20.0
	Mean	600.12	2.6	10.5	0.1	6.1	2.2	0.8	0.3	18.7
	Std. Dev.	1018.82	8.4	6.3	0.0	2.5	1.8	0.3	0.2	24.3
	Max	4800.00	50.0	24.0	0.2	11.0	5.0	1.0	0.5	120.0
	Min	70.00	0.4	3.3	0.1	1.0	0.9	0.2	0.0	5.1
NRF-8	01/17/96	30	< 1.0	< 10.0	< 0.1	< 1.0	2.0	< 1.0	< 0.5	< 10.0
NRF-8	03/25/96	30	< 1.0	< 10.0	< 0.1	< 1.0	2.0	< 1.0	< 0.5	< 10.0
NRF-8	06/11/96	40	< 1.0	< 10.0	< 0.1	< 1.0	2.0	< 1.0	< 0.5	< 10.0
NRF-8	09/04/96	80	< 1.0	< 10.0	< 0.1	2.0	2.0	< 1.0	< 0.5	< 10.0
NRF-8	01/30/97	< 50	< 50.0	< 5.0		< 10.0	2.0			< 20.0
NRF-8	06/10/97	180	< 1.0	1.5	< 0.2	4.8	< 5.0	< 0.5	< 0.3	9.1
NRF-8	09/04/97	< 10	< 1.0	0.7	< 0.2	3.8	< 5.0	< 0.5	< 0.3	< 10.0
NRF-8	11/17/97	< 100	J 0.2	1.5	0.1	4.5	J 2.5	J 0.1	J 0.0	25.0
NRF-8	02/10/98	J 31	J 0.4	B 1.4	UBJ 0.2	5.2	J 2.7	< 0.5	< 0.1	UB 20.0
NRF-8	05/13/98	< 100	< 1.0	J 0.7	< 0.2	J 1.5	J 2.3	< 0.5	< 0.1	J 9.9
NRF-8	08/05/98	477	3.7	J 5.8	< 0.2	< 10.0	< 5.0	< 0.5	< 0.1	< 20.0
NRF-8	11/03/98	< 100	< 1.0	< 10.0	< 0.2	1.3	J 2.9	< 0.5	< 0.1	J 4.6

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Well Number	Date Sampled	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Thallium	Zinc
NRF-8	02/11/99	< 100	< 1.0	< 10.0	J 0.2	< 10.0	< 5.0	< 0.5	< 0.1	< 20.0
NRF-8	05/03/99	310	< 1.0	J 2.1	< 0.2	< 10.0	< 5.0	< 0.5	< 0.1	J 3.1
NRF-8	07/28/99	J 31	J 1.2	< 10.0	< 0.2	< 10.0	< 5.0	< 0.5	< 0.1	J 5.3
NRF-8	11/02/99	570	3.8	J 9.8	< 0.2	< 10.0	< 5.0	< 0.5	< 0.1	J 3.2
NRF-8	02/01/00	160	< 1.0	J 2.2	< 0.2	< 40.0	< 5.0	< 10.0	< 10.0	< 20.0
NRF-8	05/02/00	100	J 2.4	J 1.7	J 0.0	< 40.0	J 4.7	< 10.0	< 10.0	< 20.0
	Mean	139.94	4.3	6.2	0.2	5.4	3.5	0.6	0.2	11.9
	Std. Dev.	167.72	12.2	4.2	0.1	3.9	1.4	0.3	0.2	6.9
	Max	570.00	50.0	10.0	0.2	10.0	5.0	1.0	0.5	25.0
	Min	10.00	0.2	0.7	0.1	1.0	2.0	0.1	0.0	3.1
NRF-9	01/18/96	20	< 1.0	< 10.0	< 0.1	< 1.0	2.0	< 1.0	< 0.5	< 10.0
NRF-9	03/26/96	190	< 1.0	< 10.0	< 0.1	< 1.0	2.0	< 1.0	< 0.5	< 10.0
NRF-9	06/11/96	60	< 1.0	< 10.0	< 0.1	< 1.0	2.0	< 1.0	< 0.5	< 10.0
NRF-9	09/04/96	30	< 1.0	< 10.0	< 0.1	< 1.0	2.0	< 1.0	< 0.5	< 10.0
NRF-9	01/30/97	190	< 50.0	< 5.0		< 10.0	2.0			< 20.0
NRF-9	06/10/97	98	< 1.0	1.9	< 0.2	4.6	2.0	< 0.5	< 0.3	6.9
NRF-9	09/04/97	61	< 1.0	1.2	< 0.2	3.9	< 5.0	< 0.5	< 0.3	< 10.0
NRF-9	11/18/97	< 100	J 0.3	1.3	J 0.1	4.7	J 2.5	< 0.1	J 0.0	24.0
NRF-9	02/10/98	110	J 0.6	B 2.5	UBJ 0.1	5.3	J 2.6	< 0.5	< 0.1	UB 21.0
NRF-9	05/13/98	150	< 1.0	J 1.8	< 0.2	J 1.5	J 2.3	< 0.5	< 0.1	J 11.0
NRF-9	08/05/98	< 100	< 1.0	< 10.0	< 0.2	< 10.0	< 5.0	< 0.5	< 0.1	< 20.0
NRF-9	11/03/98	450	< 1.0	4.2	< 0.2	1.8	J 3.1	< 0.5	< 0.1	J 4.8
NRF-9	02/11/99	< 100	< 1.0	< 10.0	J 0.2	< 10.0	< 5.0	< 0.5	< 0.1	< 20.0
NRF-9	05/04/99	J 33	< 1.0	< 10.0	< 0.2	< 10.0	< 5.0	< 0.5	< 0.1	< 20.0
NRF-9	07/28/99	J 52	< 1.0	< 10.0	< 0.2	< 10.0	< 5.0	< 0.5	< 0.1	< 20.0
NRF-9	11/02/99	J 18	J 1.7	< 10.0	< 0.2	< 10.0	< 5.0	< 0.5	< 0.1	< 20.0
NRF-9	02/01/00	J 55	< 3.0	< 10.0	< 0.2	< 40.0	< 5.0	< 10.0	< 10.0	< 20.0
NRF-9	05/02/00	110	< 3.0	< 10.0	< 0.2	< 40.0	J 4.1	< 10.0	< 10.0	< 20.0
	Mean	110.13	4.0	6.7	0.2	5.4	3.3	0.6	0.2	14.9
	Std. Dev.	105.70	12.3	3.9	0.0	4.0	1.4	0.3	0.2	6.2
	Max	450.00	50.0	10.0	0.2	10.0	5.0	1.0	0.5	24.0
	Min	18.00	0.3	1.2	0.1	1.0	2.0	0.1	0.0	4.8
NRF-10										
NRF-10	05/08/96	2900	< 1.0	< 60.0	< 0.1	9.0	2.0	< 1.0	< 0.5	< 10.0
NRF-10	06/12/96	770	< 1.0	< 30.0	< 0.1	3.0	2.0	< 1.0	< 0.5	< 10.0
NRF-10	09/04/96	1700	2.0	40.0	< 0.1	8.0	2.0	< 1.0	< 0.5	< 10.0
NRF-10	01/30/97	230	< 50.0	13.0		10.0	2.0			< 20.0
NRF-10	06/11/97	250	< 1.0	10.0	< 0.2	11.0	J 1.6	< 0.5	< 0.3	7.2
NRF-10	09/04/97	38	< 1.0	0.7	< 0.2	3.5	< 5.0	< 0.5	< 0.1	< 10.0
NRF-10	11/18/97	340	J 0.4	13.0	< 0.2	19.0	J 2.2	J 0.2	J 0.0	38.0
NRF-10	02/10/98	1200	1.3	B 33.0	UBJ 0.1	30.0	J 2.6	< 0.5	< 0.1	UB 29.0
NRF-10	05/13/98	150	< 1.0	J 7.3	< 0.2	J 22.0	J 2.6	< 0.5	< 0.1	J 8.9
NRF-10	08/05/98	113	< 1.0	J 5.2	< 0.2	J 24.0	< 5.0	< 0.5	< 0.1	< 10.0
NRF-10	11/03/98	100	< 1.0	5.4	< 0.2	19.0	J 3.0	< 0.5	< 0.1	J 4.9
NRF-10	02/11/99	< 100	< 1.0	J 3.0	J 0.1	J 12.1	< 5.0	< 0.5	< 0.1	< 20.0

B = Compound is also detected in the blank. J = Result is detected below the reporting limit or is an estimted concentration. s = Sample diluted due to the concentration of target analytes.

U = The MDL was raised to accomodate the detection of constituents in blank Q = The reporting limit was elevated due to high analyte levels

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Well Number	Date Sampled	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Thallium	Zinc
NRF-10	05/04/99	180 <	1.0 <	4.3 J	0.2 <	34.0 J	5.0 <	0.5 <	0.1 <	20.0
NRF-10	07/29/99	120 <	1.0 <	3.8 J	0.2 <	24.0 J	4.1 J	0.5 <	0.1 <	20.0
NRF-10	11/02/99	97	4.4	3.7 J	0.2 <	23.0 J	5.0 <	0.5 <	0.1 <	9.6 J
NRF-10	02/01/00	130 <	1.0 <	3.8 J	0.2 <	22.0 J	5.0 <	10.0 <	10.0 <	19.0 J
NRF-10	05/02/00	56 J	2.0 J	1.6 J	0.0 J	21.0 J	3.9 J	10.0 <	10.0 <	20.0
	Mean	552.53	4.5	15.5	0.2	16.8	3.3	0.6	0.2	15.2
	Std. Dev.	806.11	12.6	17.3	0.0	9.5	1.4	0.2	0.2	9.2
	Max	2900.00	50.0	60.0	0.2	34.0	5.0	1.0	0.5	38.0
	Min	38.00	0.4	0.7	0.1	3.0	1.6	0.2	0.0	4.9
NRF-11	01/18/96	70 <	1.0 <	10.0 <	0.1	3.0	2.0	3.0 <	0.5 <	10.0
NRF-11	03/25/96	100 <	1.0 <	10.0 <	0.1	3.0	2.0 <	1.0 <	0.5	20.0
NRF-11	06/12/96	320 <	1.0 <	10.0 <	0.1	6.0	2.0 <	1.0 <	0.5 <	10.0
NRF-11	09/05/96	60 <	1.0 <	10.0 <	0.1	7.0	2.0 <	1.0 <	0.5 <	10.0
NRF-11	01/30/97	530 <	50.0	7.0		20.0	2.0			10.0 <
NRF-11	06/11/97	130 <	1.0	1.5 <	0.2	12.0 <	5.0 <	0.5 <	0.3	13.0
NRF-11	09/04/97	80 <	1.0	1.7 <	0.2	15.0 <	5.0 <	0.5 <	0.3	12.0
NRF-11	11/19/97	37	0.3	2.1 <	0.2	12.0	2.4	0.1	0.0	31.0
NRF-11	02/11/98	100 J	0.6 B	2.5 UBJ	1.7	19.0 J	2.7 <	0.5 <	0.1 UB	17.0
NRF-11	05/13/98	100 <	1.0 <	1.3 J	0.2 <	10.0 J	2.7 <	0.5 <	0.1 <	9.6 J
NRF-11	08/05/98	100 <	1.0 <	10.0 <	0.2 <	10.0 <	5.0 <	0.5 <	0.1 <	10.0 <
NRF-11	11/04/98	680	1.0 <	7.2 J	0.2	9.5 J	3.1 <	0.5 <	0.1 <	5.5 J
NRF-11	02/11/99	100 <	1.0 <	10.0 <	0.2 <	10.0 <	5.0 <	0.5 <	0.1 <	20.0 <
NRF-11	05/04/99	200 J	1.6 J	3.0 J	0.2 <	10.0 <	5.0 <	0.5 <	0.1 <	20.0 <
NRF-11	07/29/99	220 J	1.6 J	2.4 <	0.2 <	10.0 <	5.0 <	0.5 <	0.1 <	20.0 <
NRF-11	11/03/99	69 J	2.0 J	1.0 <	0.2 <	10.0 <	5.0 <	0.5 J	5.2 <	20.0 <
NRF-11	02/01/00	1300 <	3.0	16.0 <	0.2 <	10.0 J	4.3 <	10.0 <	10.0 J	5.0
NRF-11	05/03/00	130 <	3.0 <	1.5 J	0.2 <	5.7 J	3.8 <	10.0 <	10.0 <	20.0
	Mean	181.00	4.1	5.6	0.3	10.4	3.5	0.7	0.6	14.9
	Std. Dev.	182.18	12.2	3.9	0.4	4.7	1.4	0.7	1.3	6.5
	Max	680.00	50.0	10.0	1.7	20.0	5.0	3.0	5.2	31.0
	Min	37.00	0.3	1.0	0.1	3.0	2.0	0.1	0.0	5.5
NRF 12	01/22/96	40 <	1.0 <	10.0 <	0.1 <	1.0	2.0 <	1.0 <	0.5 <	10.0
NRF 12	03/20/96	110 <	1.0 <	10.0 <	0.1 <	1.0	2.0 <	1.0 <	0.5 <	10.0
NRF 12	06/12/96	20 <	1.0 <	10.0 <	0.1 <	1.0	2.0	2.0 <	0.5 <	10.0
NRF 12	09/05/96	10 <	1.0 <	10.0 <	0.1 <	1.0	2.0	2.0 <	0.5 <	10.0
NRF 12	01/30/97	690	50.0	7.0		50.0	2.0			20.0 <
NRF-12	06/05/97	1900	1.0 <	0.2 <	0.2	43.0	1.8	0.5 <	0.1	7.6
NRF-12	09/04/97	160	1.0 <	4.6	0.2 <	3.9	5.0 <	0.5 <	0.3 <	10.0
NRF-12	11/18/97	130	0.3	4.2	0.1	3.3	2.2	0.1	0.0	23.0
NRF-12	02/11/98	92 J	0.4 J	2.8 B	0.1 UBJ	29.0 J	2.7 <	0.5 <	0.1 UB	16.0
NRF-12	05/13/98	120 <	1.0 <	3.2 J	0.2 <	34.0 J	2.2 J	0.5 <	0.1 <	11.0
NRF-12	08/05/98	119 <	1.0 <	10.0 <	0.2 <	37.7 J	5.0 <	0.5 <	0.1 <	10.0
NRF-12	11/04/98	130 <	1.0	1.8 J	0.2	26.0 J	2.6 <	0.5 <	0.1 J	6.3
NRF-12	02/11/99	100 <	1.0 <	10.0 <	0.2 <	17.3 J	5.0 <	0.5 <	0.1 <	20.0
NRF-12	05/05/99	140 <	1.0 <	1.4 J	0.2 <	24.0 J	5.0 <	0.5 <	0.1 <	20.0

B = Compound is also detected in the blank. J = Result is detected below the reporting limit or is an estimted concentration. s = Sample diluted due to the concentration of target analytes.

U = The MDL was raised to accomodate the detection of constituents in blank Q = The reporting limit was elevated due to high analyte levels

Wa = Post digestion spike recovery fell between 40-85% due to matrix interference D = Results were the result of a dilution

Appendix E, Table 2 - Metal Concentrations 1989 to Present (Concentrations in ppb)

Well Number	Date Sampled		Iron		Lead		Manganese		Mercury		Nickel		Selenium		Silver		Thallium		Zinc
NRF-12	07/29/99		250	J	1.6	J	1.3	<	0.2	J	18.0	<	5.0	<	0.5	<	0.1	<	20.0
NRF-12	11/03/99		63	J	2.6	<	10.0	<	0.2	J	15.0	<	5.0	<	0.5	<	0.1	<	20.0
NRF 12	02/02/00		120	<	3.0	<	10.0	<	0.2	J	15.0	J	3.2	<	10.0	<	10.0	<	20.0
NRF-12	05/03/00		170	<	3.0	J	1.5	J	0.0	J	13.0	<	5.0	<	10.0	<	10.0	<	20.0
	Mean		255.88		4.1		6.0		0.2		19.1		3.2		0.7		0.2		14.1
	Std. Dev.		465.34		12.2		3.9		0.0		16.5		1.4		0.6		0.2		5.7
	Max		1900.00		50.0		10.0		0.2		50.0		5.0		2.0		0.5		23.0
	Min		10.00		0.3		0.2		0.1		1.0		1.8		0.1		0.0		6.3
NRF-13	01/22/96		2500		1.0		40.0	<	0.1		0.0		1.0		2.0	<	0.5	<	10.0
NRF-13	03/20/96		3400		2.0		60.0	<	0.1		0.0		2.0		2.0	<	0.5		10.0
NRF-13	06/13/96		3100		2.0		60.0	<	0.1		0.0		1.0		2.0	<	0.5	<	10.0
NRF-13	09/05/96		1300	<	1.0	<	10.0	<	0.1		0.0		1.0		2.0	<	0.5	<	10.0
NRF-13	02/03/97		16000	<	50.0		300.0				40.0	<	1.0						70.0
NRF-13	06/09/97		4200		1.1		4.3	<	0.2		16.0		0.9		0.7		0.1		11.0
NRF-13	09/05/97		20500		3.0		220.0	<	0.2		34.0	<	5.0	<	0.5	<	0.3		43.0
NRF-13	11/19/97		3600		1.7		72.0	<	0.2		19.0		2.5	<	0.5		0.0		39.0
NRF-13	02/11/98		1400		1.6	B	2.4	UBJ	0.1		12.0	J	1.9	<	0.5	<	0.1	UB	21.0
NRF-13	05/13/98		820	J	0.3	J	15.0	<	0.2	J	4.1	J	1.4	<	0.5	<	0.1	<	9.1
NRF-13	08/05/98		1710		6.1		41.7	<	0.2	J	18.4	<	5.0	<	0.5	<	0.1	<	10.0
NRF-13	11/04/98		2500	J	0.9		41.0	J	0.2	J	21.0	J	2.0	<	0.5	<	0.1	J	11.0
NRF-13	02/11/99		2030	<	1.0		37.0	J	0.2		41.8	<	5.0	<	0.5	<	0.1	<	20.0
NRF 13	05/05/99	J	2600	J	1.8		67.0	<	0.2	J	20.0	<	5.0	<	0.5	<	0.1	J	9.1
NRF 13	07/29/99		3500	J	1.0		58.0	<	0.2	J	13.0	<	5.0	<	0.5	<	0.1	J	9.1
NRF 13	11/03/99		2600	J	2.0		44.0	<	0.2	J	27.0	<	5.0	<	0.5	<	0.1	J	13.0
NRF 13	02/02/00		15100		6.1		260.0	<	0.2		48.0	<	5.0	<	10.0	<	10.0		39.0
NRF 13	05/03/00	SREF	3100	J	1.6		50.0	<	0.2	J	30.0	<	5.0	<	10.0	<	10.0	J	8.3
	Mean		4485.00		4.8		67.0		0.2		16.6		2.8		0.9		0.2		19.1
	Std. Dev.		5512.49		12.1		79.8		0.0		14.0		1.8		0.7		0.2		17.2
	Max		20500.00		50.0		300.0		0.2		41.8		5.0		2.0		0.5		70.0
	Min		820.00		0.3		2.4		0.1		0.0		0.9		0.5		0.0		9.1
USGS-12	06/15/90		30		1.0	<	10.0	<	0.1		1.0		2.0	<	1.0			<	10.0
USGS-12	08/06/90		10	<	1.0	<	10.0	<	0.1		1.0		1.0	<	1.0			<	10.0
USGS-12	10/10/90		40		1.0	<	10.0	<	0.1		1.0		1.0	<	1.0				10.0
USGS-12	12/11/90		140		1.0	<	10.0	<	0.1		1.0		1.0	<	1.0				10.0
USGS-12	02/07/91		60		1.0	<	10.0	<	0.1		1.0		2.0	<	1.0			<	10.0
USGS-12	04/11/91		140			<	10.0	<	0.1				3.0	<	1.0			<	10.0
USGS-12	06/10/91		120		1.0			<	0.1		1.0			<	1.0				
USGS-12	09/06/91		50	<	1.0			<	0.1		1.0			<	1.0				
USGS-12	12/05/91		70	<	1.0			<	0.1		1.0			<	1.0				
USGS-12	03/12/92		20		1.0			<	0.1		1.0			<	1.0				
USGS-12	06/19/92		50		1.0			<	0.1		1.0			<	1.0				
USGS-12	09/18/92		260		1.0			<	0.1		6.0			<	1.0				
USGS-12	12/01/92		3000	<	1.0			<	0.1		7.0			<	1.0				
USGS-12	04/13/93		40		1.0			<	0.1		1.0			<	1.0				
USGS-12	06/14/93		40		1.0			<	0.1		1.0			<	1.0				

B = Compound is also detected in the blank. J = Result is detected below the reporting limit or is an estimted concentration. s = Sample diluted due to the concentration of target analytes.

U = The MDL was raised to accomodate the detection of constituents in blank Q = The reporting limit was elevated due to high analyte levels

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Appendix E, Table 2 - Metal Concentrations 1989 to Present (Concentrations in ppb)

Well Number	Date Sampled	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Thallium	Zinc
USGS-12	09/16/93	40	1.0		< 0.1	1.0		< 1.0		
USGS-12	11/05/93	140	1.0		< 0.1	2.0		< 1.0		
USGS-12	03/11/94	1300	1.0		< 0.1	1.0		< 1.0		
USGS-12	06/10/94	200	1.0		< 0.1	1.0		< 1.0		
USGS-12	09/09/94	190	1.0		< 0.1	1.0		< 1.0		
USGS-12	10/27/94	20	1.0		< 0.1	4.0		< 1.0		
USGS-12	03/20/95	320	< 1.0	< 10.0	< 0.1	< 1.0	2.0	< 1.0	< 0.5	< 10.0
USGS-12	06/14/95	60	< 1.0	< 10.0	< 0.1	< 1.0	2.0	< 1.0	< 0.5	80.0
USGS-12	09/12/95	600	< 1.0	< 10.0	< 0.1	< 1.0	2.0	< 1.0	< 0.5	< 10.0
USGS-12	11/02/95	60	< 1.0	20.0	< 0.1	< 1.0	2.0	< 1.0	< 0.5	< 10.0
USGS-12	01/16/96	30	1.0	< 10.0	< 0.1	< 1.0	2.0	< 1.0	< 0.5	< 10.0
USGS-12	03/21/96	50	1.0	< 10.0	< 0.1	< 1.0	2.0	< 1.0	< 0.5	< 10.0
USGS-12	06/10/96	30	1.0	< 10.0	< 0.1	< 1.0	2.0	< 1.0	< 0.5	< 10.0
USGS-12	09/03/96	50	1.0	< 10.0	< 0.1	< 1.0	2.0	< 1.0	< 0.5	< 10.0
USGS-12	02/04/97	830	< 50.0	14.0		< 10.0	2.0			< 20.0
USGS-12	06/09/97	59	< 1.0	1.3	< 0.2	2.8	1.8	< 0.5	< 0.3	7.2
USGS-12	09/03/97	42	< 1.0	1.6	< 0.2	2.4	< 5.0	< 0.5	< 0.3	< 10.0
USGS-12	11/18/97	30	0.3	1.7	< 0.2	3.4	2.0	< 0.5	0.0	19.0
USGS-12	02/11/98	J 32	J 0.5	B 2.5	UBJ 0.1	4.2	J 2.5	< 0.5	< 0.1	UB 20.0
USGS-12	05/12/98	< 100	< 1.0	J 1.3	< 0.2	J 0.5	J 2.5	< 0.5	< 0.1	J 9.3
USGS-12	08/04/98	< 100	< 1.0	< 10.0	< 0.2	< 10.0	< 5.0	< 0.5	< 0.1	< 10.0
USGS-12	11/04/98	< 100	< 1.0	J 0.8	J 0.2	J 0.8	J 2.5	< 0.5	J 0.1	J 6.0
USGS-12	02/11/99	< 100	< 1.0	< 10.0	< 0.2	< 10.0	< 5.0	< 0.5	< 0.1	< 20.0
USGS 12	05/05/99	J 86	< 1.0	< 10.0	< 0.2	< 10.0	< 5.0	< 0.5	< 0.1	J 2.9
USGS 12	07/29/99	J 85	J 1.5	< 10.0	< 0.2	< 10.0	J 4.2	< 0.5	< 0.1	< 20.0
USGS 12	11/03/99	J 77	J 2.7	J 1.7	< 0.2	< 10.0	< 5.0	< 0.5	< 0.1	J 10.0
USGS 12	02/02/00	J 57	J 1.3	J 1.2	< 0.2	< 40.0	< 5.9	< 10.0	< 10.0	< 20.0
USGS 12	05/03/00	J 27	< 3.0	< 10.0	< 0.2	< 40.0	< 5.0	< 10.0	< 10.0	< 20.0
	Mean	214.66	2.3	8.3	0.1	2.9	2.6	0.9	0.3	14.0
	Std. Dev.	506.76	7.7	4.6	0.0	3.3	1.3	0.2	0.2	14.2
	Max	3000.00	50.0	20.0	0.2	10.0	5.0	1.0	0.5	80.0
	Min	10.00	0.3	0.8	0.1	0.5	1.0	0.5	0.0	2.9
USGS-97	11/30/89	60	3.0	< 10.0	< 0.1	< 1.0	2.0	< 1.0		100.0
USGS-97	03/19/90	60	6.0	< 10.0	< 0.1	2.0	2.0	< 1.0		170.0
USGS-97	06/07/90	90	3.0	< 10.0	< 0.1	1.0	2.0	< 1.0		80.0
USGS-97	08/01/90	40	5.0	< 10.0	< 0.1	8.0	2.0	< 1.0		110.0
USGS-97	10/04/90	320	3.0	10.0	< 0.1	< 1.0	2.0	< 1.0		120.0
USGS-97	12/07/90	< 10	1.0	< 10.0	< 0.1	< 1.0	1.0	< 1.0		120.0
USGS-97	03/13/91	110	2.0		< 0.1	2.0		< 1.0		
USGS-97	06/07/91	30	3.0		< 0.1	< 1.0		< 1.0		
USGS-97	09/05/91	150	3.0		< 0.1	< 1.0		< 1.0		
USGS-97	12/03/91	260	6.0		< 0.1	2.0		< 1.0		
USGS-97	03/16/92	90	< 1.0		< 0.1	< 1.0		< 1.0		
USGS-97	06/17/92	60	1.0		< 0.1	< 1.0		< 1.0		
USGS-97	09/21/92	230	3.0		< 0.1	< 1.0		< 1.0		
USGS-97	12/08/92	140	2.0		< 0.1	2.0		< 1.0		
USGS-97	04/06/93	50	2.0		< 0.1	< 1.0		< 1.0		

B = Compound is also detected in the blank. J = Result is detected below the reporting limit or is an estimted concentration. S = Sample diluted due to the concentration of target analytes.

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Appendix E, Table 2 - Metal Concentrations 1989 to Present (Concentrations in ppb)

Well Number	Date Sampled	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Thallium	Zinc
USGS-97	06/09/93	20	< 1.0		< 0.1	< 1.0		< 1.0		
USGS-97	09/13/93	110	1.0		< 0.1	< 1.0		< 1.0		
USGS-97	11/04/93	730	2.0		< 0.1			< 1.0		
USGS-97	03/14/94	150	1.0		< 0.1	1.0		< 1.0		
USGS-97	06/09/94	760	1.0		< 0.1	2.0		< 1.0		
USGS-97	09/08/94	750	2.0		< 0.1	4.0		< 1.0		
USGS-97	11/10/94	210	1.0		< 0.1	1.0		< 1.0		
USGS-97	03/16/95	3600	2200.0	20.0	< 0.1	< 1.0	3.0	< 1.0	< 0.5	140.0
USGS-97	06/13/95	140	2.0	< 10.0	< 0.1	< 1.0	2.0	< 1.0	< 0.5	100.0
USGS-97	09/11/95	2400	7.0	< 10.0	< 0.1	< 1.0	2.0	< 1.0	< 0.5	110.0
USGS-97	11/06/95	220	2.0	< 10.0	< 0.1	< 1.0	2.0	< 1.0	< 0.5	90.0
USGS-97	01/17/96	40	1.0	< 10.0	< 0.1	< 1.0	2.0	< 1.0	< 0.5	100.0
USGS-97	03/25/96	30	1.0	< 10.0	< 0.1	< 1.0	2.0	< 1.0	< 0.5	90.0
USGS-97	06/11/96	20	1.0	< 10.0	< 0.1	< 1.0	2.0	< 1.0	< 0.5	100.0
USGS-97	09/04/96	50	1.0	< 10.0	< 0.1	< 1.0	2.0	< 1.0	< 0.5	80.0
USGS-97	02/03/97	50	< 50.0	< 5.0		< 10.0	2.0			190.0
USGS-97	06/10/97	39	1.3	0.4	< 0.2	3.4	1.7	< 0.5	< 0.3	99.0
USGS-97	09/03/97	32	2.4	0.7	< 0.2	2.6	2.6	0.1	< 0.3	130.0
USGS-97	11/18/97	45	2.4	2.0	0.1	3.8	2.2	0.1	0.0	130.0
USGS-97	02/10/98	< 100	1.8	B 1.1	UBJ 0.1	4.6	J 2.8	< 0.5	< 0.1	B 110.0
USGS-97	05/12/98	< 100	J 1.0	J 0.8	< 0.2	J 0.4	J 2.6	< 0.5	< 1.0	J 100.0
USGS-97	08/04/98	< 100	< 1.0	< 10.0	< 0.2	< 10.0	< 5.0	< 0.5	< 0.1	109.0
USGS-97	11/03/98	290	2.7	1.9	< 0.2	J 0.7	J 2.9	< 0.5	< 0.1	J 95.0
USGS-97	02/09/99	< 100	< 1.0	< 10.0	< 0.2	< 10.0	< 5.0	< 0.5	< 0.1	111.0
USGS 97	05/04/99	J 14	9.2	< 10.0	< 0.2	< 10.0	< 5.0	< 0.5	< 0.1	100.0
USGS 97	07/28/99	J 66	J 1.6	< 10.0	< 0.2	< 10.0	< 5.0	< 0.5	< 0.1	100.0
USGS 97	11/02/99	J 9	J 2.8	< 10.0	< 0.2	< 10.0	< 5.0	< 0.5	< 0.1	98.0
USGS 97	02/01/00	J 29	J 2.5	< 10.0	< 0.2	< 40.0	J 3.5	< 10.0	< 10.0	110.0
USGS 97	05/02/00	J 29	4.5	< 10.0	< 0.2	< 40.0	J 2.8	< 10.0	< 10.0	110.0
	Mean	282.74	55.8	8.1	0.1	2.9	2.7	0.8	0.3	110.8
	Std. Dev.	655.80	339.0	4.5	0.0	3.3	1.2	0.3	0.3	25.0
	Max	3600.00	2200.0	20.0	0.2	10.0	5.0	1.0	1.0	190.0
	Min	9.00	1.0	0.4	0.1	0.4	1.0	0.1	0.0	80.0
USGS-98	11/29/89	20	2.0	< 10.0	< 0.1	1.0	1.0	< 1.0		100.0
USGS-98	03/19/90	80	4.0	< 10.0	< 0.1	1.0	1.0	< 1.0		190.0
USGS-98	06/05/90	40	2.0	< 10.0	< 0.1	1.0	1.0	< 1.0		120.0
USGS-98	07/30/90	50	1.0	< 10.0	< 0.1	< 1.0	1.0	< 1.0		120.0
USGS-98	10/03/90	100	2.0	< 10.0	< 0.1	2.0	< 1.0	< 1.0		120.0
USGS-98	12/07/90	30	2.0	< 10.0	< 0.1	2.0	< 1.0	< 1.0		140.0
USGS-98	03/13/91	110	2.0		< 0.1	< 1.0		< 1.0		
USGS-98	06/07/91	100	2.0		< 0.1	< 1.0		< 1.0		
USGS-98	09/05/91	60	2.0		< 0.1	2.0		< 1.0		
USGS-98	12/03/91	70	< 1.0		< 0.1	1.0		< 1.0		
USGS-98	03/16/92	80	1.0		< 0.1	1.0		< 1.0		
USGS-98	06/17/92	30	1.0		< 0.1	1.0		< 1.0		
USGS-98	09/21/92	80	1.0		< 0.1	1.0		< 1.0		
USGS-98	12/08/92	140	< 1.0		< 0.1	2.0		< 1.0		

B = Compound is also detected in the blank. J = Result is detected below the reporting limit or is an estimted concentration. s = Sample diluted due to the concentration of target analytes.

U = The MDL was raised to accomodate the detection of constituents in blank Q = The reporting limit was elevated due to high analyte levels

Wa = Post digestion spike recovery fell between 40-85% due to matrix interference D = Results were the result of a dilution

Appendix E, Table 2 - Metal Concentrations 1989 to Present (Concentrations in ppb)

Well Number	Date Sampled	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Thallium	Zinc
USGS-98	04/06/93	130	1.0		< 0.1	1.0		< 1.0		
USGS-98	06/08/93	50	2.0		< 0.1	1.0		< 1.0		
USGS-98	09/13/93									
USGS-98	11/02/93									
USGS-98	03/14/94	380	9.0		< 0.1	1.0		< 1.0		
USGS-98	06/09/94	2400	15.0		< 0.1	2.0		< 1.0		
USGS-98	09/08/94	430	12.0		< 0.1	1.0		< 1.0		
USGS-98	11/09/94	90	9.0		< 0.1	1.0		< 1.0		
USGS-98	03/15/95	270	10.0	< 10.0	< 0.1	< 1.0	1.0	< 1.0		210.0
USGS-98	06/12/95	1300	9.0	< 10.0	< 0.1	< 1.0	1.0	< 1.0	< 0.5	200.0
USGS-98	09/11/95	180	10.0	< 10.0	< 0.1	< 1.0	< 1.0	< 1.0	< 0.5	210.0
USGS-98	11/06/95	990	8.0	< 10.0	< 0.1	< 1.0	1.0	< 1.0	< 0.5	190.0
USGS-98	01/17/96	80	7.0	< 10.0	< 0.1	< 1.0	< 1.0	< 1.0	< 0.5	180.0
USGS-98	03/21/96	120	7.0	< 10.0	< 0.1	< 1.0	< 1.0	< 1.0	< 0.5	170.0
USGS-98	06/11/96	260	7.0	< 10.0	< 0.1	< 1.0	< 1.0	< 1.0	< 0.5	180.0
USGS-98	09/04/96	60	6.0	< 10.0	< 0.1	< 1.0	< 1.0	< 1.0	< 0.5	160.0
USGS-98	02/04/97	180	< 50.0	< 5.0	0.4	< 10.0	1.0			200.0
USGS-98	06/10/97	150	5.9	1.3	< 0.2	2.2	1.1	< 0.5	< 0.3	140.0
USGS-98	09/03/97	42	7.3	1.2	< 0.2	2.0	< 5.0	< 0.5	< 0.1	190.0
USGS-98	11/18/97	< 100	5.0	2.6	0.1	2.9	1.4	0.1	0.0	150.0
USGS-98	02/10/98	J 30	< 5.2	B 1.5	(U) J 0.1	3.0	J 1.6	< 0.5	< 0.1	B 150.0
USGS-98	05/12/98	< 100	J 4.6	J 0.7	< 0.2	J 0.4	J 1.5	< 0.5	< 0.1	J 140.0
USGS-98	08/04/98	< 100	5.9	< 10.0	< 0.2	< 10.0	< 5.0	< 0.5	< 0.1	158.0
USGS-98	11/03/98	350	J 4.6	J 3.1	< 0.2	J 0.8	J 1.8	< 0.5	< 0.1	J 150.0
USGS-98	02/09/99	< 100	3.5	< 10.0	< 0.2	< 10.0	< 5.0	< 0.5	< 0.1	120.0
USGS 98	05/04/99	160	6.5	J 1.4	< 0.2	< 10.0	< 5.0	< 0.5	< 0.1	180.0
USGS 98	07/28/99	J 54	4.3	< 10.0	< 0.2	< 10.0	< 5.0	< 0.5	< 0.1	140.0
USGS 98	11/02/99	J 19	6.3	< 10.0	< 0.2	< 10.0	< 5.0	< 0.5	< 0.1	130.0
USGS 98	02/01/00	J 16	3.7	J 1.8	< 0.2	< 40.0	< 5.0	< 10.0	< 10.0	140.0
USGS 98	05/02/00	1100	8.2	17.0	J 0.0	< 40.0	J 3.4	< 10.0	< 10.0	160.0
	Mean	227.88	6.1	7.6	0.1	2.6	2.0	0.8	0.3	159.2
	Std. Dev.	430.91	7.9	3.8	0.1	3.2	1.7	0.3	0.2	31.6
	Max	2400.00	50.0	10.0	0.4	10.0	5.0	1.0	0.5	210.0
	Min	19.00	1.0	0.7	0.1	0.4	1.0	0.1	0.0	100.0
USGS-99	11/30/89	50	3.0	< 10.0	< 0.1	1.0	1.0	< 1.0		90.0
USGS-99	03/20/90	1900	8.0	< 10.0	< 0.1	3.0	1.0	< 1.0		160.0
USGS-99	06/05/90	50	3.0	< 10.0	< 0.1	1.0	1.0	< 1.0		90.0
USGS-99	08/01/90	180	2.0	< 10.0	< 0.1	1.0	1.0	< 1.0		100.0
USGS-99	10/03/90	230	3.0	30.0	< 0.1	1.0	1.0	< 1.0		90.0
USGS-99	12/10/90	610	4.0	10.0	< 0.1	2.0	< 1.0	< 1.0		130.0
USGS-99	03/13/91	1000	4.0		< 0.1	2.0		< 1.0		
USGS-99	06/07/91	90	4.0		< 0.1	< 1.0		< 1.0		
USGS-99	09/05/91	150	3.0		< 0.1	1.0		< 1.0		
USGS-99	12/03/91	200	< 1.0		< 0.1	2.0		< 1.0		
USGS-99	03/16/92	90	1.0		< 0.1	1.0		< 1.0		
USGS-99	06/16/92	40	1.0		< 0.1	1.0		< 1.0		
USGS-99	09/21/92	160	2.0		< 0.1	1.0		< 1.0		

B = Compound is also detected in the blank. J = Result is detected below the reporting limit or is an estimted concentration. S = Sample diluted due to the concentration of target analytes.
U = The MDL was raised to accomodate the detection of constituents in blank Q = The reporting limit was elevated due to high analyte levels
Wa = Post digestion spike recovery fell between 40-85% due to matrix interference D = Results were the result of a dilution

Appendix E, Table 2 - Metal Concentrations 1989 to Present (Concentrations in ppb)

Well Number	Date Sampled	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Thallium	Zinc
USGS-99	12/08/92	160	1.0		< 0.1	2.0		< 1.0		
USGS-99	04/06/93	130	1.0		< 0.1	< 1.0		< 1.0		
USGS-99	06/09/93	80	1.0		< 0.1	< 1.0		< 1.0		
USGS-99	09/13/93	70	1.0		< 0.1	< 1.0		< 1.0		
USGS-99	11/02/93	70	2.0		< 0.1	2.0		< 1.0		
USGS-99	03/14/94	190	2.0		< 0.1	1.0		< 1.0		
USGS-99	06/09/94	660	3.0		< 0.1	1.0		< 1.0		
USGS-99	09/07/94	360	2.0		< 0.1	5.0		< 1.0		
USGS-99	11/09/94	310	1.0		< 0.1	2.0		< 1.0		
USGS-99	03/15/95	530	2.0	< 10.0	< 0.1	1.0	2.0	< 1.0		100.0
USGS-99	06/12/95	340	2.0	20.0	< 0.1	1.0	2.0	< 1.0	< 0.5	90.0
USGS-99	09/11/95	2200	2.0	< 10.0	< 0.1	2.0	2.0	< 1.0	< 0.5	100.0
USGS-99	11/06/95	60	1.0	< 10.0	< 0.1	1.0	1.0	< 1.0	< 0.5	90.0
USGS-99	01/17/96	50	1.0	< 10.0	< 0.1	< 1.0	1.0	< 1.0	< 0.5	80.0
USGS-99	03/25/96	70	2.0	< 10.0	< 0.1	1.0	2.0	< 1.0	< 0.5	90.0
USGS-99	06/11/96	90	< 1.0	< 10.0	< 0.1	< 1.0	2.0	< 1.0	< 0.5	90.0
USGS-99	09/04/96	70	1.0	< 10.0	< 0.1	< 1.0	1.0	< 1.0	< 0.5	70.0
USGS-99	02/04/97	5100	60.0	28.0		< 10.0	1.0			310.0
USGS-99	06/10/97	110	1.2	1.3	< 0.2	3.0	1.4	< 0.5	< 0.3	93.0
USGS-99	09/03/97	57	1.4	1.7	< 0.2	2.9	< 5.0	< 0.5	< 0.3	110.0
USGS-99	11/18/97	100	1.2	2.2	0.0	3.8	1.8	0.1	0.0	130.0
USGS-99	02/10/98	J 73	1.7	B 1.9	UBJ 0.1	4.5	J 1.8	< 0.5	< 0.1	B 100.0
USGS-99	05/12/98	800	J 4.4	J 15.0	< 0.2	J 3.1	J 2.1	< 0.5	< 0.1	J 160.0
USGS-99	08/04/98	< 100	< 1.0	< 10.0	< 0.2	< 10.0	< 5.0	< 0.5	< 0.1	105.0
USGS-99	11/03/98	300	1.2	2.0	< 0.2	1.4	J 2.2	< 0.5	< 0.1	J 97.0
USGS-99	02/09/99	< 100	< 1.0	< 10.0	< 0.2	< 10.0	< 5.0	< 0.5	< 0.1	102.0
USGS 99	05/04/99	J 93	J 1.7	< 10.0	< 0.2	< 10.0	< 5.0	< 0.5	< 0.1	120.0
USGS 99	07/28/99	J 77	J 2.2	< 10.0	< 0.2	< 10.0	< 5.0	< 0.5	< 0.1	94.0
USGS 99	11/02/99	J 58	3.6	< 10.0	< 0.2	< 10.0	< 5.0	< 0.5	< 0.1	99.0
USGS 99	02/01/00	350	J 2.8	J 1.7	< 0.2	< 40.0	< 5.0	< 10.0	< 10.0	110.0
USGS 99	05/02/00	130	5.3	< 10.0	< 0.2	< 40.0	< 4.8	< 10.0	< 10.0	110.0
	Mean	408.29	3.5	10.5	0.1	2.9	2.3	0.9	0.3	111.2
	Std. Dev.	869.55	9.0	6.9	0.0	3.1	1.6	0.2	0.2	45.8
	Max	5100.00	60.0	30.0	0.2	10.0	5.0	1.0	0.5	310.0
	Min	40.00	1.0	1.3	0.0	1.0	1.0	0.1	0.0	70.0
USGS-102	06/08/90	< 10	2.0	< 10.0	< 0.1	2.0	2.0			< 10.0
USGS-102	08/01/90	< 10	1.0	< 10.0	< 0.1	1.0	2.0			< 10.0
USGS-102	10/04/90	70	< 1.0	< 10.0	< 0.1	< 1.0	2.0			< 10.0
USGS-102	12/10/90	60	1.0	< 10.0	< 0.1	2.0	1.0			< 10.0
USGS-102	02/07/91	1300	3.0	20.0	< 0.1	1.0	1.0			20.0
USGS-102	04/11/91	300	2.0	< 10.0	< 0.1	2.0	2.0			< 10.0
USGS-102	06/07/91	100	1.0		< 0.1	< 1.0				
USGS-102	09/05/91	160	1.0		< 0.1	2.0				
USGS-102	12/03/91	2100	2.0		< 0.1	3.0				
USGS-102	03/16/92	130	1.0		< 0.1	1.0				
USGS-102	06/11/92	90	1.0		< 0.1	1.0				
USGS-102	09/16/92	300	1.0		< 0.1	1.0				

B = Compound is also detected in the blank. J = Result is detected below the reporting limit or is an estimted concentration. s = Sample diluted due to the concentration of target analytes.

U = The MDL was raised to accomodate the detection of constituents in blank Q = The reporting limit was elevated due to high analyte levels

Wa = Post digestion spike recovery fell between 40-85% due to matrix interference D = Results were the result of a dilution

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Well Number	Date Sampled	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Thallium	Zinc
USGS-102	12/09/92	30 <	1.0		0.1 <	2.0				
USGS-102	04/06/93	1200	1.0		0.1 <	1.0				
USGS-102	06/09/93	70	1.0		0.1 <	1.0				
USGS-102	09/13/93	190	1.0		0.1 <	1.0				
USGS-102	11/04/93	440	1.0		0.1 <					
USGS-102	03/10/94	100	1.0		0.1 <	1.0		1.0 <		
USGS-102	06/09/94	12000	4.0		0.1 <	3.0		1.0 <		
USGS-102	09/08/94	80	1.0		0.1 <	2.0		1.0 <		
USGS-102	11/08/94	870	1.0		0.1 <	1.0		1.0 <		
USGS-102	03/16/95	940	1.0 <	10.0	0.1 <	1.0 <	2.0	1.0 <		10.0 <
USGS-102	06/13/95	300	1.0 <	10.0 <	0.1 <	1.0 <	2.0	1.0 <	0.5 <	10.0 <
USGS-102	09/13/95	450	1.0 <	10.0 <	0.1 <	1.0 <	2.0	1.0 <	0.5 <	10.0 <
USGS-102	11/07/95	10	1.0 <	10.0 <	0.9	1.0 <	2.0	1.0 <	0.5 <	10.0 <
USGS-102	01/18/96	160	1.0 <	10.0 <	0.1 <	1.0 <	2.0	1.0 <	0.5 <	10.0 <
USGS-102	03/19/96	260	1.0 <	10.0 <	0.1 <	1.0 <	2.0	1.0 <	0.5 <	10.0 <
USGS-102	06/11/96	110	1.0 <	10.0 <	0.1 <	1.0 <	2.0	1.0 <	0.5 <	10.0 <
USGS-102	09/04/96	20 <	1.0 <	10.0 <	0.1 <	1.0 <	2.0	1.0 <	0.5 <	10.0 <
USGS-102	02/03/97	< 50	50.0 <	5.0		< 10.0	2.0			20.0 <
USGS-102	06/09/97	110	1.0 <	0.8	0.2 <	3.1	1.8	0.5 <	0.1 <	7.3
USGS-102	09/03/97	< 100	0.3 J	0.7	0.2 <	2.6	2.6	0.5 <	0.1 <	8.2
USGS-102	11/17/97	J 87	0.5 J	2.6	0.1	4.2	2.4	0.3	0.0	29.0
USGS-102	02/09/98	< 100	0.4 J	B 1.0	0.2 UB J	4.3	J 2.7	0.5 <	0.1 <	UB 18.0
USGS-102	05/11/98	J 30	1.0 <	1.2	0.2 <	J 0.5	J 2.2	0.5 <	0.1 <	J 8.4
USGS-102	08/03/98	< 100	1.0 <	10.0 <	0.2 <	10.0 <	5.0 <	0.5 <	0.1 <	10.0 <
USGS-102	11/02/98	590	1.0 <	J 4.3	0.2 <	J 2.9	J 3.0	0.5 <	0.1 <	J 9.9
USGS-102	02/09/99	< 100	1.0 <	10.0 <	0.2 <	10.0 <	5.0 <	0.5 <	0.1 <	20.0 <
USGS-102	05/03/99	220	1.0 <	J 1.5	0.2 <	10.0 <	5.0 <	0.5 <	0.1 <	39.0
USGS-102	07/27/99	J 88	2.2 J	10.0 <	0.2 J	10.0 <	5.0 <	0.5 <	0.1 <	9.1
USGS-102	11/01/99	J 57	1.8 J	10.0 <	0.2 <	10.0 <	5.0 <	0.5 <	0.1 <	20.0
USGS-102	01/31/00	100	1.6 J	10.0 <	0.2 <	40.0	J 3.8	10.0 <	10.0 <	20.0 <
USGS-102	05/01/00	320	3.0 <	J 3.3	J 0.0	40.0 <	5.0 <	10.0 <	10.0 <	20.0 <
	Mean	572.98	2.4	8.0	0.1	2.9	2.6	0.8	0.3	13.4
	Std. Dev.	1878.10	7.6	4.5	0.1	3.2	1.3	0.3	0.2	7.4
	Max	12000.00	50.0	20.0	0.9	10.0	5.0	1.0	0.5	39.0
	Min	10.00	0.3	0.7	0.1	0.5	1.0	0.3	0.0	7.3